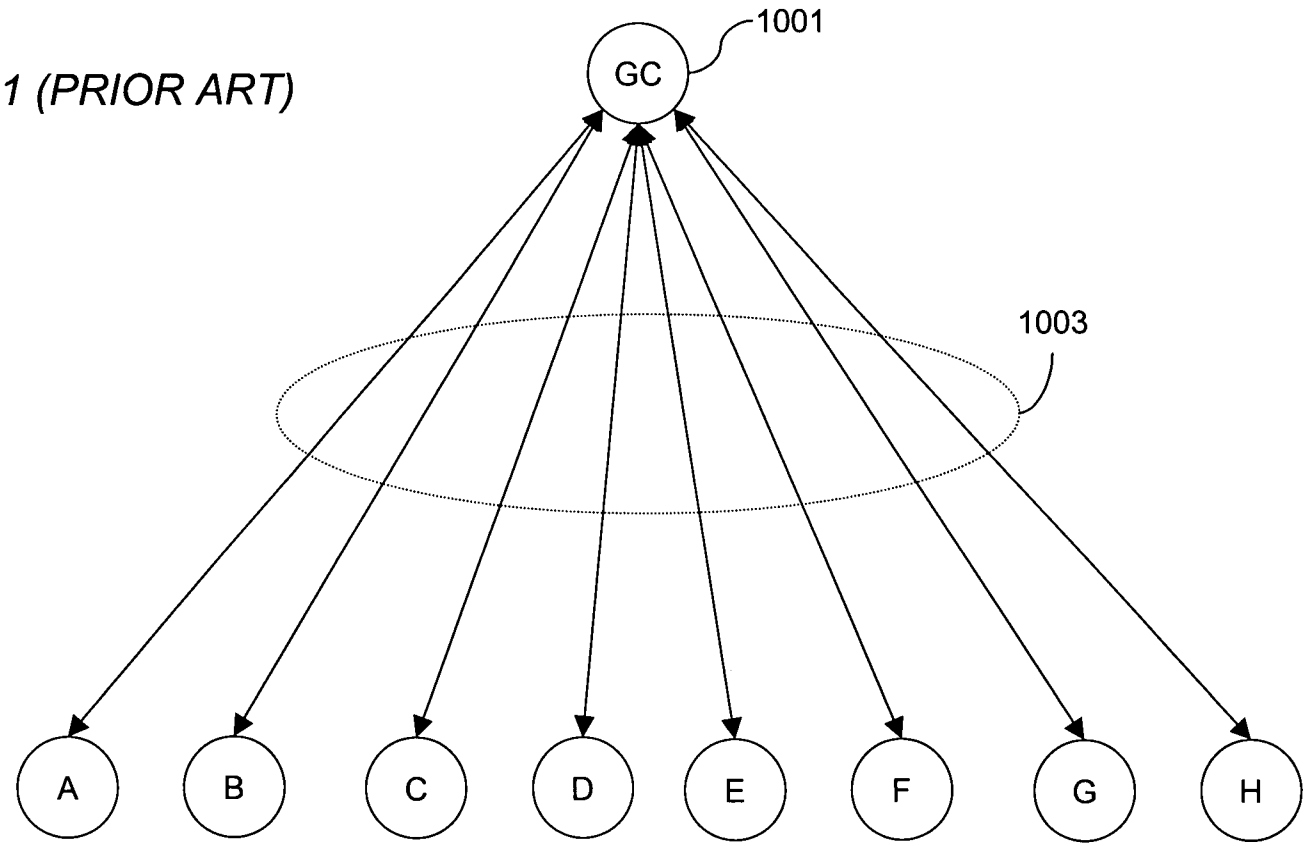
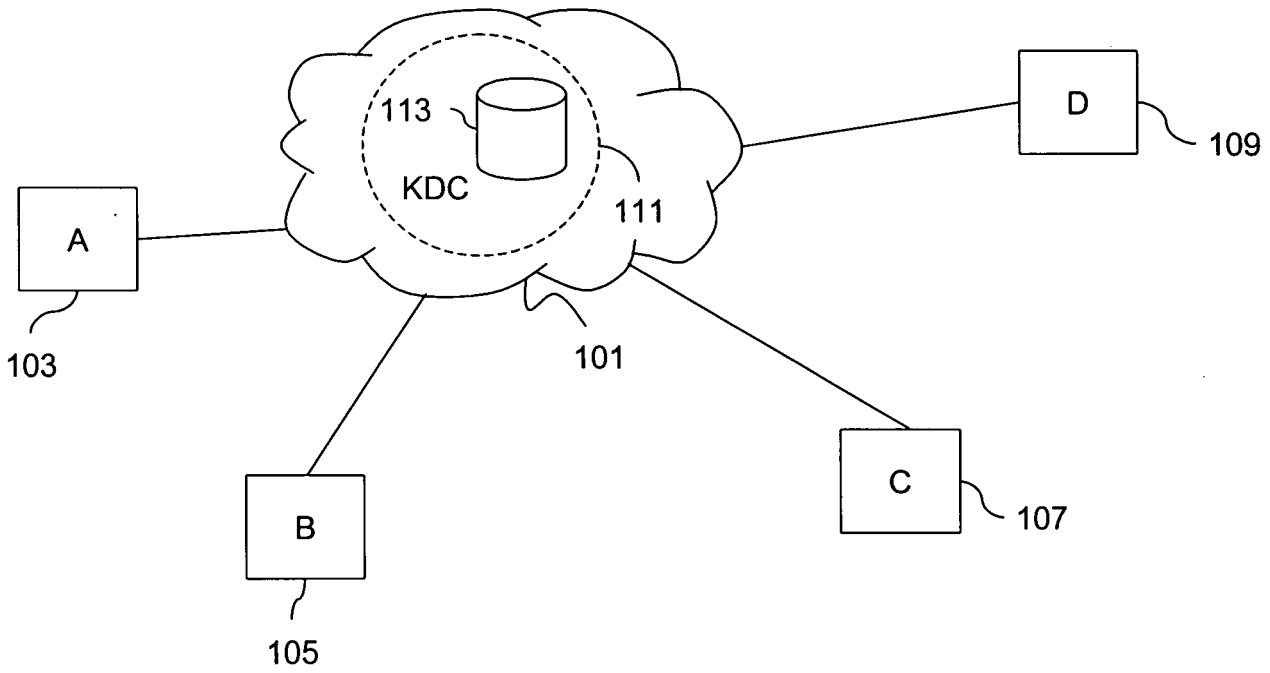
DOCKET: 95T30460

FIG. 1 (PRIOR ART)



DOCKET: 9STJ9460

FIG. 2



DOCKET: 95T2360

FIG. 3

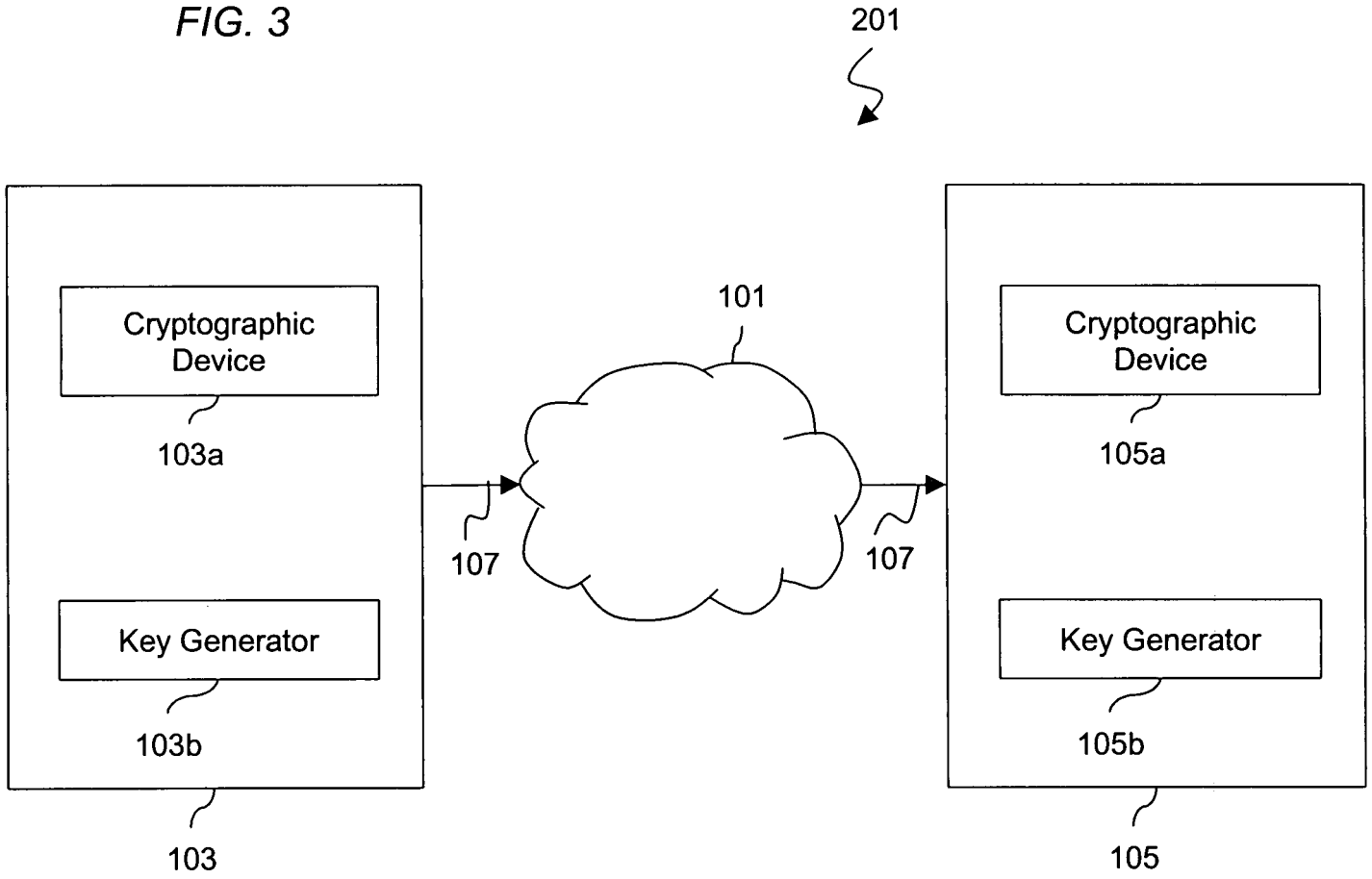


FIG. 4

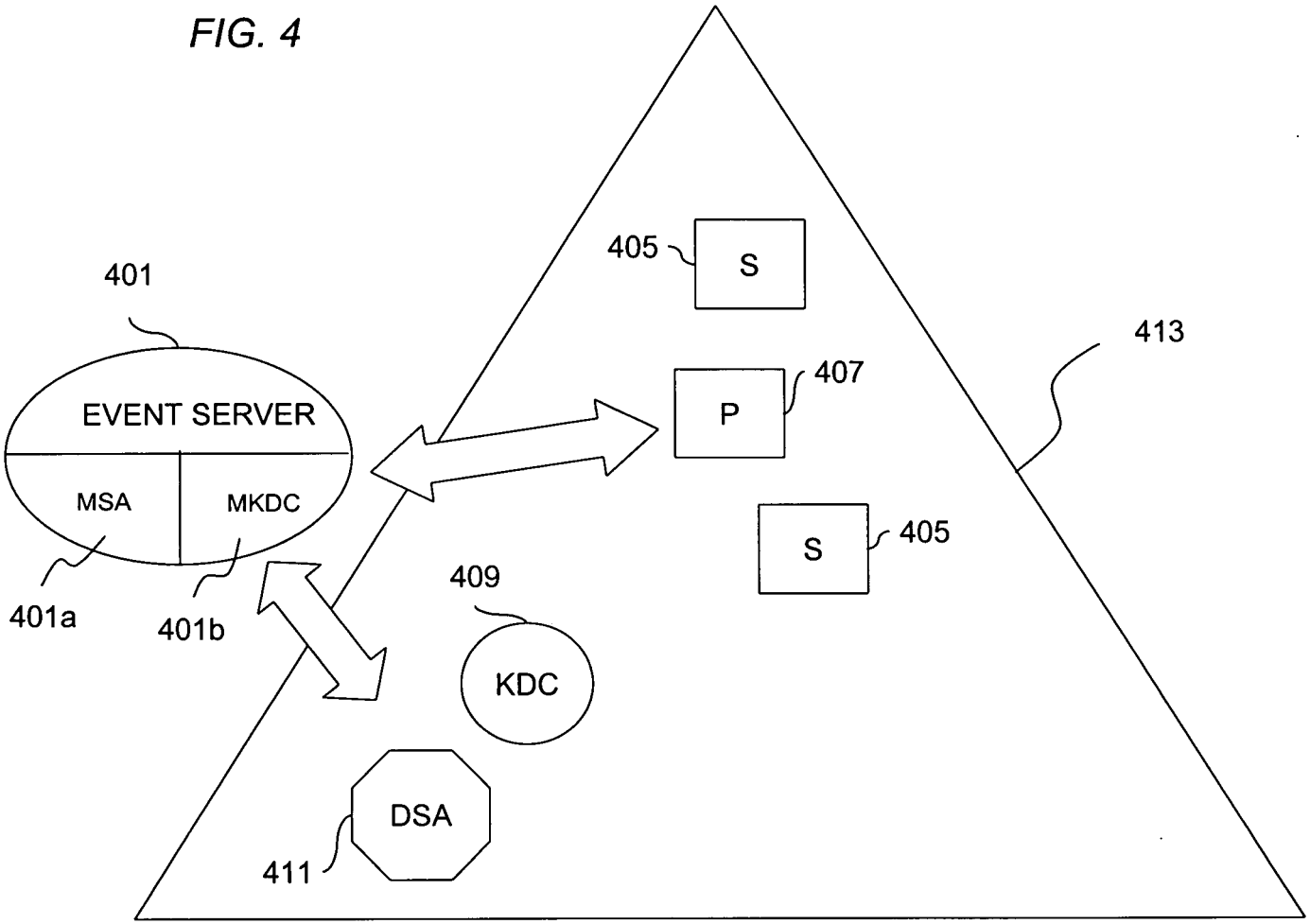
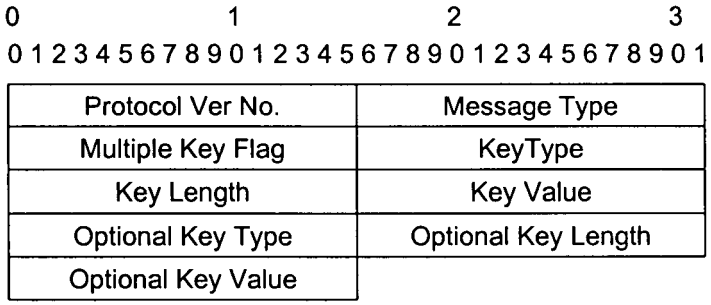
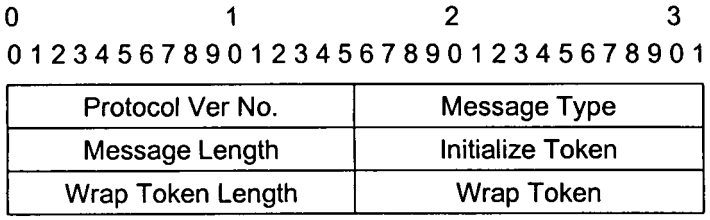

401
EVENT SERVER
MSA
MKDC
401a
401b
405
S
413
407
P
S
405
409
KDC
DSA
411

FIG. 5A



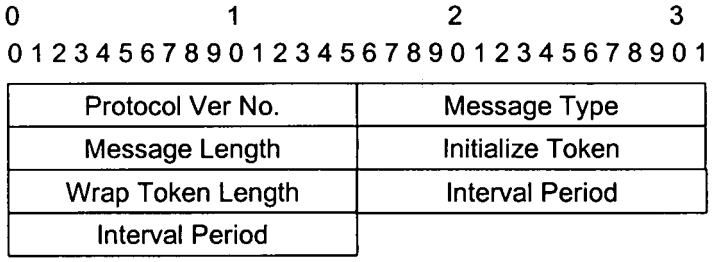
Registration for Group Key Message

FIG. 5B



Event Message

FIG. 5C



Reregister Message

09271P0 95T2960

FIG. 6A

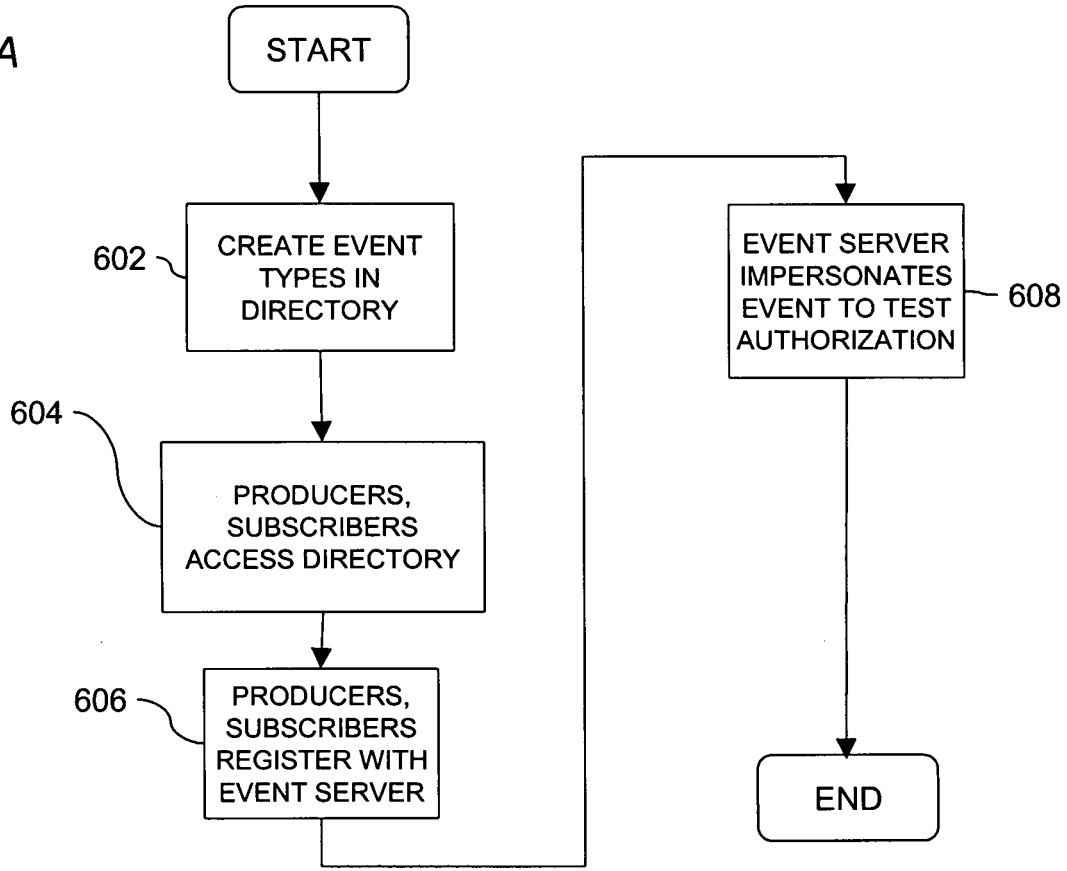


FIG. 6B

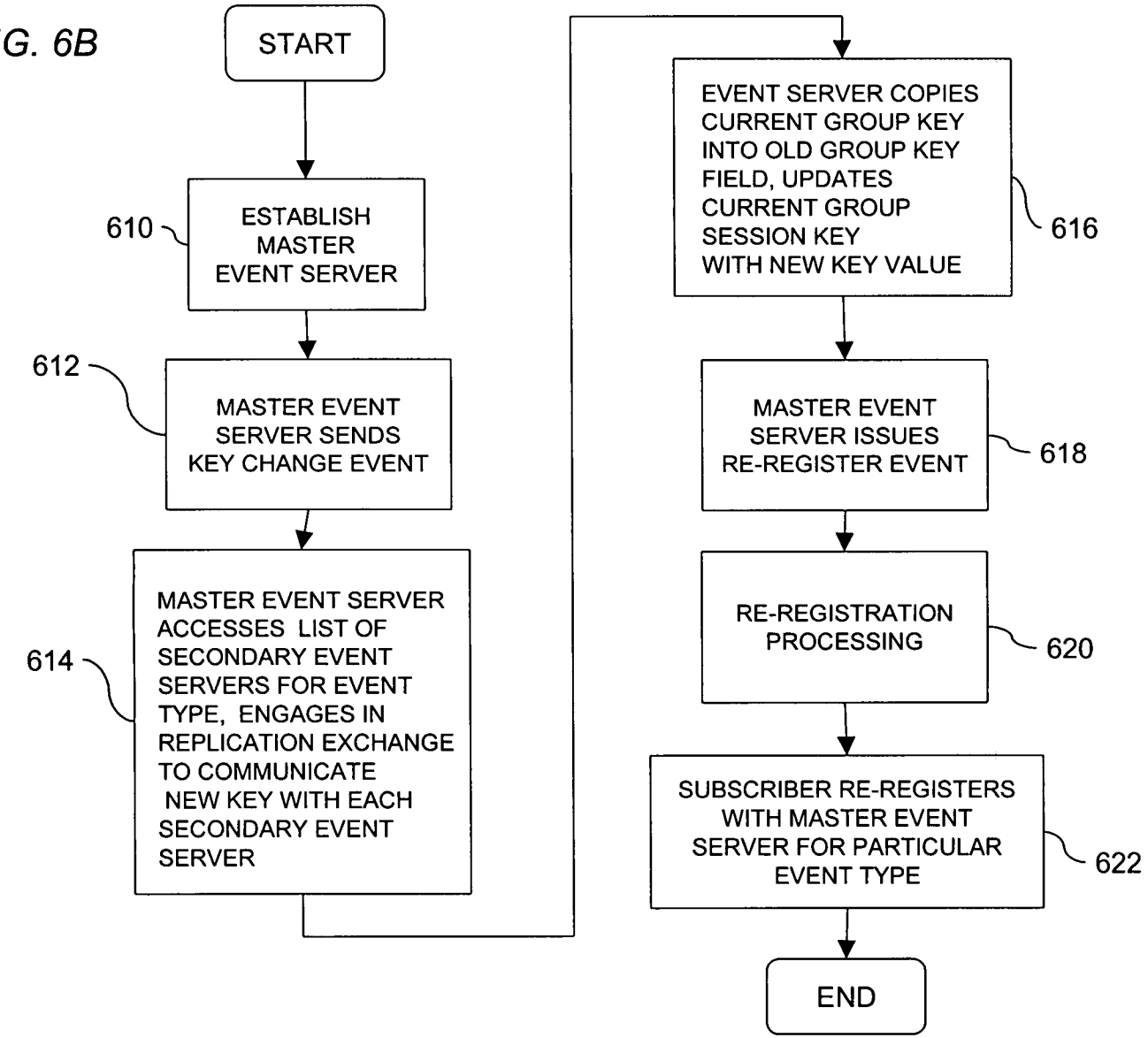
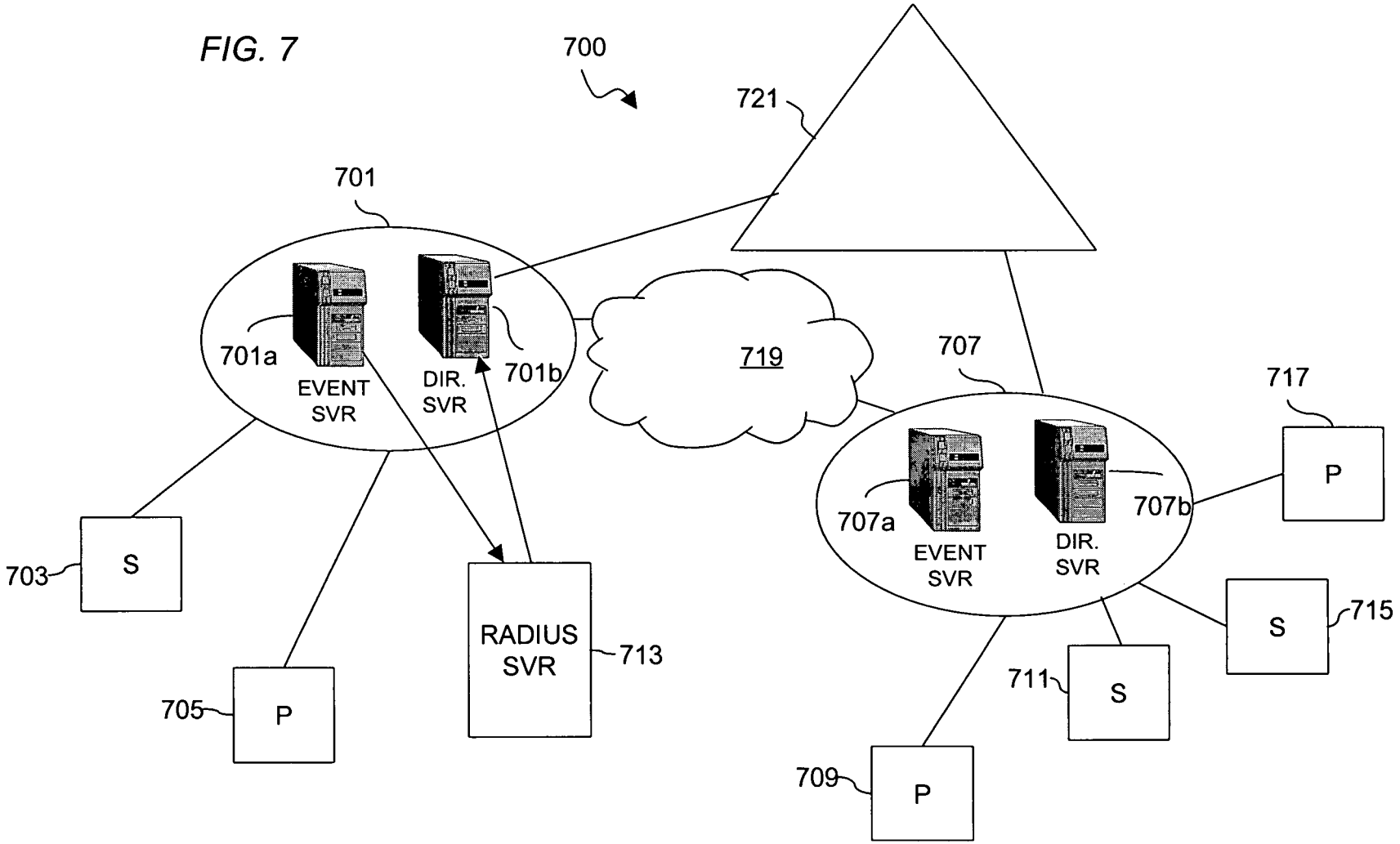

START
610
ESTABLISH MASTER EVENT SERVER
612
MASTER EVENT SERVER SENDS KEY CHANGE EVENT
614
MASTER EVENT SERVER ACCESSES LIST OF SECONDARY EVENT SERVERS FOR EVENT TYPE, ENGAGES IN REPLICATION EXCHANGE TO COMMUNICATE NEW KEY WITH EACH SECONDARY EVENT SERVER
EVENT SERVER COPIES CURRENT GROUP KEY INTO OLD GROUP KEY FIELD, UPDATES CURRENT GROUP SESSION KEY WITH NEW KEY VALUE
616
MASTER EVENT SERVER ISSUES RE-REGISTER EVENT
618
RE-REGISTRATION PROCESSING
620
SUBSCRIBER RE-REGISTERS WITH MASTER EVENT SERVER FOR PARTICULAR EVENT TYPE
622
END

FIG. 7


700
721
701
701a
EVENT SVR
DIR. SVR
701b
719
707
717
707a
EVENT SVR
DIR. SVR
707b
P
703
S
RADIUS SVR
713
S
715
705
P
711
S
709
P

09270 95T294.60

FIG. 8A

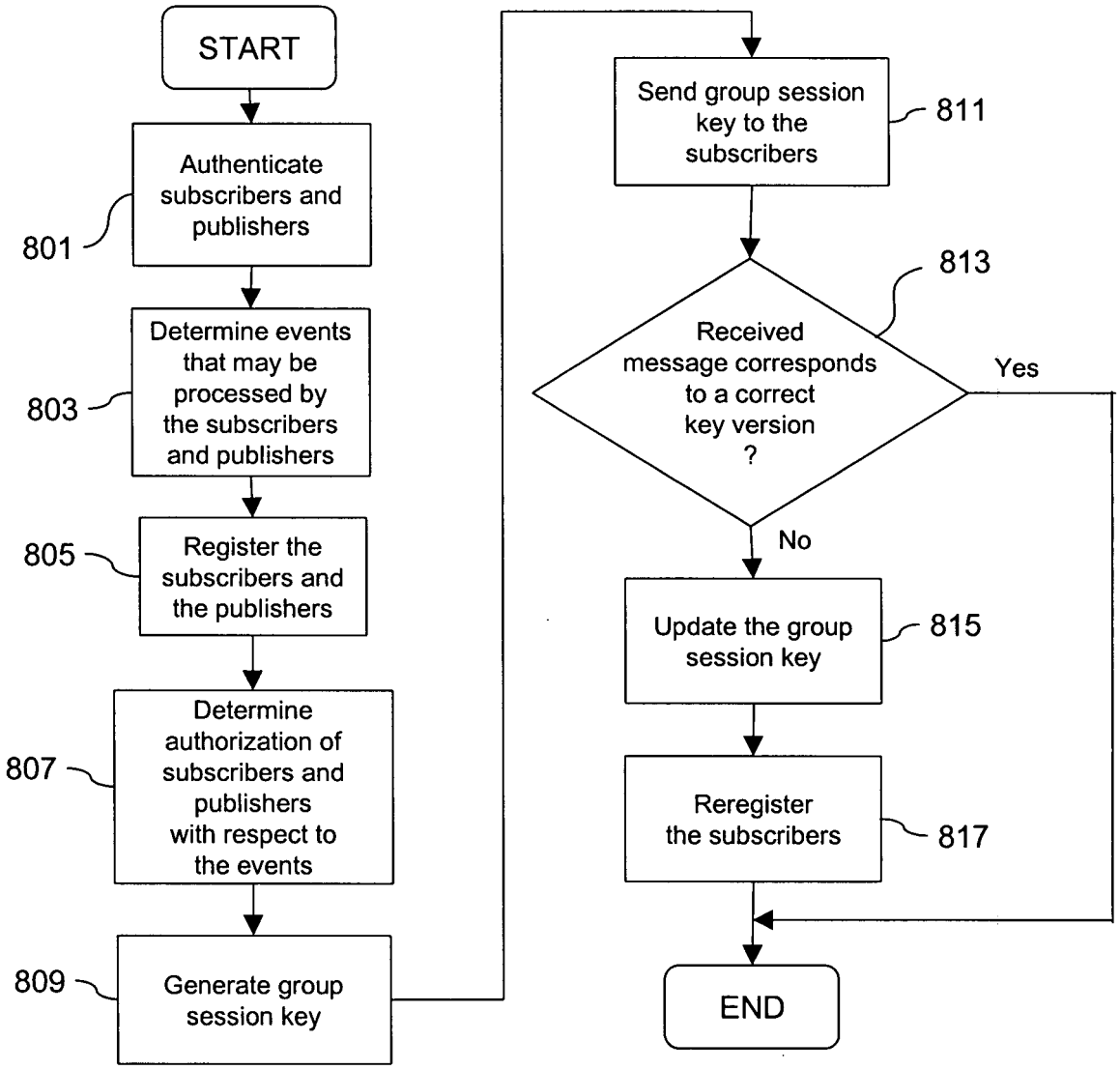


FIG. 8B

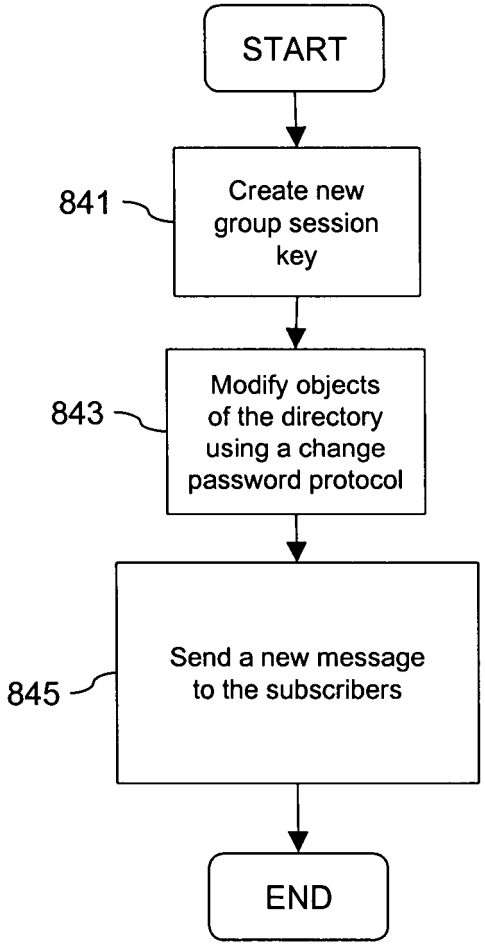
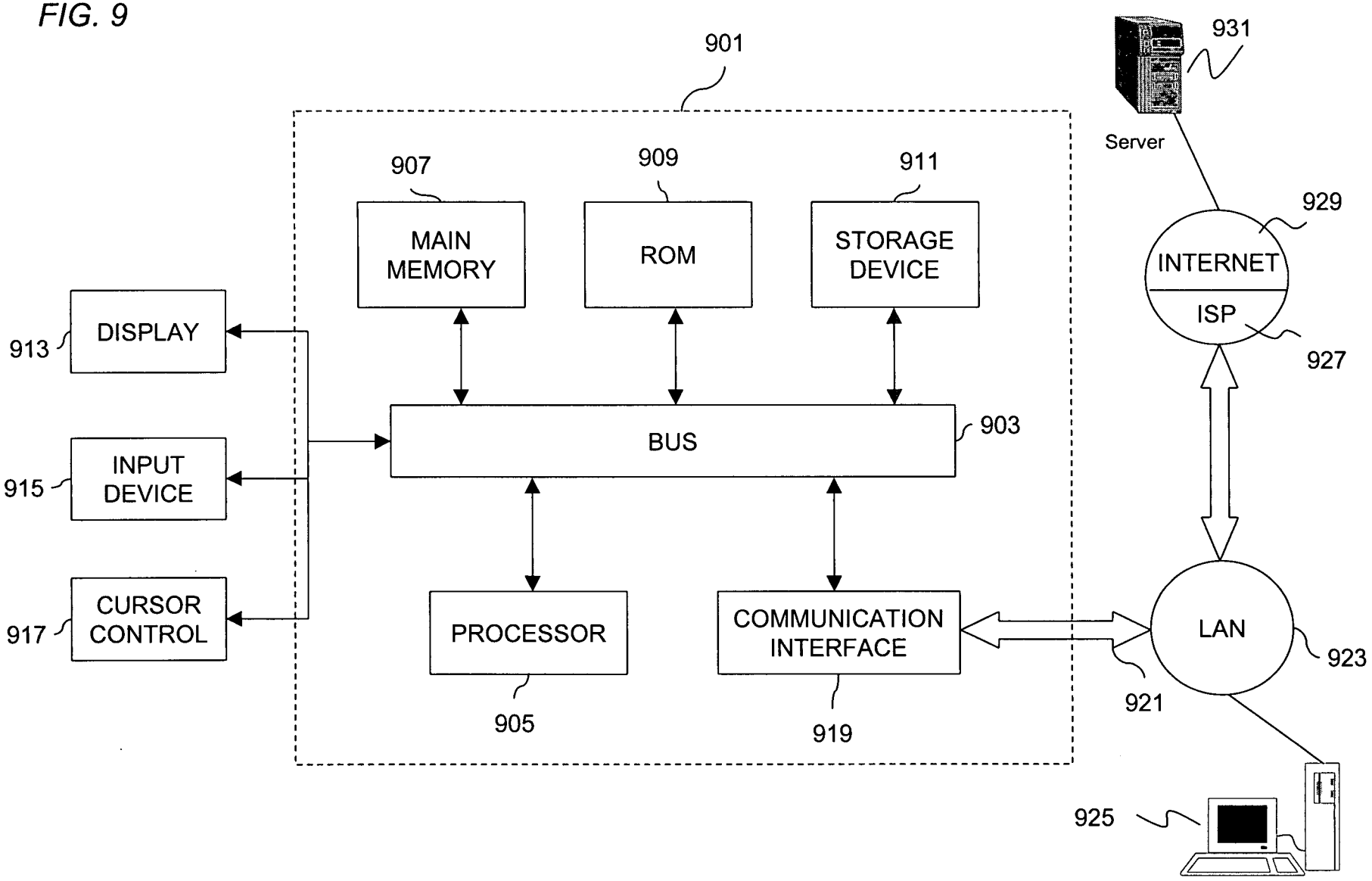

START
841
Create new group session key
843
Modify objects of the directory using a change password protocol
845
Send a new message to the subscribers
END

FIG. 9


901
931
Server
907
909
911
MAIN MEMORY
ROM
STORAGE DEVICE
929
INTERNET
ISP
927
913
DISPLAY
915
INPUT DEVICE
917
CURSOR CONTROL
BUS
903
PROCESSOR
905
COMMUNICATION INTERFACE
919
LAN
923
921
925